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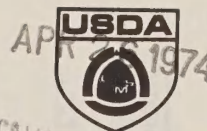
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UNITED STATES DEPARTMENT OF AGRICULTURE  
CONSUMER AND MARKETING SERVICE  
MARKET NEWS SECTION — COTTON DIVISION  
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*United States Cotton Quality Report For Ginnings 1971 Crop*

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Upland cotton ginned in the United States from the 1971 crop contained a record high proportion of staple 35 cotton, according to the Department of Agriculture, Consumer and Marketing Service. This length accounted for one-third of the total ginnings. Middling and higher White grades comprised the smallest proportion of ginnings on record. American Pima cotton ginned this season contained smaller proportions of the longer staples and the higher grades than a year ago. Cotton ginned from the 1971 crop totaled 10,230,000 bales compared with 10,112,000 bales from the 1970 crop.

Staples. The 1971 upland crop contained 1.6 million bales of cotton stapling 36 and longer. This is equivalent to 15 percent of total ginnings compared with seven percent a year ago. Staple 35 cotton accounted for 33 percent of total ginnings, an all-time high, while staple 34 cotton accounted for 26 percent of ginnings, the smallest percentage since 1968. Eight percent of total ginnings was in the two lengths 33 and 32 compared with 15 percent last season. The lengths 31 and shorter comprised 18 percent of total ginnings against 20 percent a year earlier. The average staple of the 1971 crop was 33.8 thirty-seconds inches against 33.4 thirty-seconds for the 1970 crop.

Grades. Ginnings of Middling and higher White grades totaled about 1.3 million bales this season, or 13 percent of the total 1971 crop. This is the lowest percentage of these higher White grades for any crop on record and compares with 15 percent a year earlier. Strict Low Middling accounted for 33 percent of ginnings against 34 percent a year ago. The Light Spotted and other Colored grades comprised 35 percent of this season's ginnings compared with 31 percent last season. The grade index of the 1971 crop was 89.8 (Middling White=100), the lowest on record.

Micronaire and fiber strength. The average mike reading of cotton ginned from the 1971 crop was 4.1 compared with 4.3 a year earlier. Cotton in the 3.5-4.9 mike category comprised 77 percent of total ginnings against 84 percent in the preceding season. Fiber strength test results indicated that cotton in this season's ginnings averaged 82,000 pounds per square inch compared with 86,000 pounds a year earlier. Cotton 90,000 pounds per square inch and stronger accounted for 14 percent of total ginnings against 24 percent a year ago.

Upland supply. This season's supply of upland cotton (August 1, 1971 carryover plus 1971 ginnings) totaled 14.3 million bales compared with 15.7 million bales in the preceding season. The supplies of most staples 34 and shorter were considerably smaller than a year ago with staple 34 down 2.0 million bales and staple 33 down by 0.9 million bales. The supply of staples 35 and 36 was up 2.2 million bales from a year earlier. The grade distribution of this season's supply indicates substantial decreases in the White grades - 1.3 million bales - and in the medium Light Spotted grades - 0.8 million bales. Supplies of Low Middling Light Spotted and Low Middling Spotted cotton were up from a year earlier by 0.5 and 0.2 million bales respectively.

Table 1. Upland cotton in the United States, ginnings and supply,  
by staple groupings, 1967-1971

Season beginning August 1	Staple Code (32nd inches)								All staple lengths
	Shorter than 32		32 and 33		34 and 35		36 and longer		
	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	
	1,000		1,000		1,000		1,000		1,000
	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>
	<u>Ginnings</u>								
1967	1,705	23	1,109	15	3,807	52	749	10	7,370
1968	1,635	15	1,707	16	5,676	52	1,820	17	10,838
1969	1,684	17	1,590	16	5,893	60	693	7	9,860
1970	2,021	20	1,541	15	5,773	58	720	7	10,055
1971 1/	1,814	18	821	8	5,933	59	1,566	15	10,134
	<u>Supply</u>								
1967	6,626	34	5,353	27	6,551	33	1,111	6	19,641
1968	3,824	22	3,348	20	7,681	45	2,232	13	17,085
1969	2,506	15	2,871	18	9,210	57	1,620	10	16,207
1970	2,350	15	2,542	16	9,516	61	1,283	8	15,691
1971 1/	2,102	15	1,316	9	8,901	62	1,998	14	14,317

1/ Preliminary.



Table 2. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	After January 15				Total crop				Supply				Change in Supply	
		1970		1971		1970		1971		1970		1971		1971 from 1970	
		Bales	Pct.	Bales	Pct.	Bales	Pct.	Bales	Pct.	bales	bales	Pct.	Pct.	bales	Pct.
White															
G.M.	(11)	-	-	-	-	134	74	*	*	1	*	1	*	0	-
S.M.	(21)	-	-	-	*	47,097	33,681	0.5	0.3	152	1.0	120	0.8	-32	-21.1
M.+	(30)	-	-	-	-	604	151	*	*	53	0.3	32	0.2	-21	-39.6
M.	(31)	653	747	0.9	0.2	1,447,038	1,291,351	14.4	12.7	2,521	16.1	2,127	15.0	-394	-15.6
S.L.M.+	(40)	39	82	0.1	*	75,932	139,709	0.8	1.4	437	2.8	522	3.6	+85	+19.5
S.L.M.	(41)	4,516	9,604	6.2	2.0	3,434,657	3,367,212	34.0	33.4	5,052	32.0	4,444	31.2	-608	-12.0
L.M.+	(50)	87	313	0.1	0.1	105,833	123,421	1.1	1.2	331	2.1	339	2.4	+8	+2.4
L.M.	(51)	15,935	32,226	22.0	6.6	1,558,136	1,360,977	15.5	13.4	1,985	12.7	1,594	11.1	-391	-19.7
S.G.O.+	(60)	179	156	0.2	*	8,052	7,265	0.1	0.1	24	0.2	15	0.1	-9	-37.5
S.G.O.	(61)	13,045	26,991	17.9	5.5	188,874	224,545	1.9	2.2	250	1.6	266	1.9	+16	+6.4
G.O.+	(70)	55	31	0.1	*	211	306	*	*	1	*	**	*	-1	-100.0
G.O.	(71)	3,161	6,255	4.3	1.3	19,823	28,170	0.2	0.3	29	0.2	31	0.2	+2	+6.9
Light Spotted															
G.M.	(12)	-	-	-	-	12	-	*	-	**	*	**	*	0	-
S.M.	(22)	-	15	-	*	4,993	4,795	*	*	71	0.5	81	0.6	+10	+14.1
M.	(32)	1,185	10,886	1.6	2.2	912,405	413,664	9.1	4.1	1,488	9.5	1,006	7.0	-482	-32.4
S.L.M.	(42)	6,486	79,060	8.9	16.3	1,370,208	1,376,984	13.6	13.6	2,028	12.9	1,752	12.2	-276	-13.6
L.M.	(52)	9,412	122,853	12.9	25.3	463,028	1,031,055	4.6	10.2	619	3.9	1,090	7.6	+471	+76.1
Spotted															
G.M.	(13)	-	-	-	-	-	78	-	*	-	-	**	*	0	-
S.M.	(23)	-	17	-	*	1,267	370	*	*	10	0.1	22	0.2	+12	+120.0
M.	(33)	395	6,691	0.5	1.4	105,649	41,117	1.1	0.4	141	0.9	104	0.7	-37	-26.2
S.L.M.	(43)	2,342	47,206	3.2	9.7	143,175	200,115	1.4	2.0	218	1.4	234	1.6	+16	+7.3
L.M.	(53)	3,749	91,449	5.1	18.8	63,589	308,855	0.6	3.0	89	0.6	319	2.2	+230	+258.4
Tinged 2/	(14-54)	994	20,426	1.4	4.2	20,941	46,252	0.2	0.4	59	0.4	60	0.4	+1	+1.7
Stained 2/	(15-35)	-	45	-	*	272	153	*	*	5	*	1	*	-4	-80.0
Light Gray															
G.M.	(16)	-	-	-	-	62	17	*	*	**	*	**	*	0	-
S.M.	(26)	10	-	*	-	5,850	1,658	0.1	*	7	*	3	*	-4	-57.1
M.	(36)	1,055	284	1.4	0.1	21,449	9,841	0.2	0.1	36	0.2	20	0.1	-16	-44.4
S.L.M.	(46)	2,181	1,178	3.0	0.2	8,136	8,985	0.1	0.1	9	0.1	11	0.1	+2	+22.2
Gray															
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(27)	21	7	*	*	43	58	*	*	**	*	**	*	0	-
M.	(37)	126	35	0.2	*	1,071	439	*	*	1	*	1	*	0	-
S.L.M.	(47)	184	214	0.3	*	919	864	*	*	1	*	1	*	0	-
Below Grade 3/		7,091	29,554	9.7	6.1	45,777	111,996	0.5	1.1	73	0.5	121	0.8	+48	+65.8
All grades		72,901	486,350	100.0	100.0	10,055,237	10,134,158	100.0	100.0	15,691	100.0	14,317	100.0	-1,374	-8.8

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

\* Less than 0.05 percent. \*\* Less than 500 bales.

Table 3. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple Code (32nd inches)	After January 15			Total crop			Supply			Change in Supply	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1971 from 1970
	Bales	Bales	Pct.	Pct.	Bales	Bales	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales
26 and shorter	108	4,029	0.1	0.8	1,613	7,029	3	7	*	*	+44
28	750	23,097	1.0	4.7	35,468	62,853	50	71	0.3	0.5	+21
29	2,337	93,218	3.2	19.2	350,109	335,540	394	371	2.5	2.6	-23
30	5,265	169,297	7.2	34.8	1,045,775	916,978	1,202	1,081	7.7	7.6	-121
31	2,980	65,659	4.1	13.5	588,073	491,829	701	572	4.5	4.0	-129
32	8,395	31,872	11.5	6.6	524,438	290,613	781	463	5.0	3.2	-318
33	17,484	41,984	24.0	8.6	1,016,370	530,342	1,761	853	11.2	6.0	-908
34	26,584	48,982	36.6	10.1	3,771,690	2,612,315	6,110	4,078	39.0	28.5	-2,032
35	7,897	6,793	10.8	1.4	2,001,728	3,320,292	3,406	4,823	21.7	33.6	+1,417
36	469	1,313	0.6	0.3	612,102	1,449,604	971	1,755	6.2	12.3	+784
37	59	106	0.1	*	95,388	94,961	267	199	1.7	1.4	-68
38	288	-	0.4	-	7,326	20,106	36	37	0.2	0.3	+1
39	16	-	*	-	66	315	**	1	*	*	+1
40 and longer	269	-	0.4	-	5,091	1,381	9	6	*	*	-3
<b>All staples</b>	<b>72,901</b>	<b>486,350</b>	<b>100.0</b>	<b>100.0</b>	<b>10,055,237</b>	<b>10,134,158</b>	<b>15,691</b>	<b>14,317</b>	<b>100.0</b>	<b>100.0</b>	<b>-1,374</b>
<b>-8.8</b>											

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

\*\* Less than 500 bales.

Table 4. Specified measures of quality for upland ginnings 1/

Item	After January 15		Total crop		Supply	
	1970	1971	1970	1971	1970	1971
Grade index (Mid. White=100)	80.3	80.1	91.6	89.8	92.2	91.2
Average staple, 32nd. inch	33.0	30.7	33.4	33.8	33.6	33.9
Rough preparation, percent	*	*	*	*	-	-
Tenderable, percent 2/	23.0	5.3	63.1	55.8	-	-
Average mike reading	4.0	3.3	4.3	4.1	-	-
Average fiber strength (Mpsi)	-	78.0	85.7	82.3	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

\* Less than 0.05 percent.



Table 5. Percentage distribution of micronaire readings for upland ginnings this season and last season, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike		
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971			
																									Pct.	Pct.	Pct.
N. C.	-	*	0.1	0.3	1.6	1.6	3.6	2.4	27.0	18.8	43.5	47.6	21.0	24.8	2.7	3.9	0.5	0.6	5.3	4.3	91.5	91.2	3.2	4.5	4.1	4.2	
S. C.	*	*	0.1	0.2	0.5	1.6	0.6	2.6	5.1	26.8	26.5	55.4	48.1	13.0	15.4	0.4	3.7	*	1.2	4.4	79.7	95.2	19.1	0.4	4.6	4.1	
Ga.	-	*	*	*	0.4	0.5	0.7	1.4	6.7	17.8	39.7	55.7	42.6	22.7	8.4	1.8	1.5	0.1	1.1	1.9	89.0	96.2	9.9	1.9	4.5	4.2	
Fla.	-	-	-	-	0.6	0.5	1.3	1.2	2.5	3.8	12.4	41.8	53.8	47.2	28.4	5.1	1.0	0.4	-	1.7	4.4	92.8	94.6	5.5	1.0	4.5	4.2
Ala.	-	*	*	0.2	0.1	0.9	0.5	1.2	8.4	12.4	42.9	50.6	40.1	31.8	7.0	2.8	1.0	0.1	0.6	2.3	91.4	94.8	8.0	2.9	4.4	4.3	
Miss.	*	*	0.2	0.6	1.0	2.5	1.2	2.2	10.3	9.3	41.2	37.0	36.7	41.0	7.6	7.0	1.8	0.4	2.4	5.3	88.2	87.3	9.4	7.4	4.4	4.4	
Tenn.	*	*	*	*	0.1	0.4	0.2	0.8	5.7	12.7	32.1	51.0	48.1	32.7	11.3	2.3	2.5	0.1	0.3	1.2	85.9	96.4	13.8	2.4	4.6	4.3	
Mo.	-	*	*	0.3	0.2	2.2	0.3	3.4	5.9	23.2	31.5	44.8	48.1	24.4	12.0	1.7	2.0	*	0.5	5.9	85.5	92.4	14.0	1.7	4.5	4.2	
Ark.	*	*	0.2	0.3	1.3	1.7	1.4	2.0	8.1	14.0	30.3	43.3	43.4	35.2	12.6	3.4	2.7	0.1	2.9	4.0	81.8	92.5	15.3	3.5	4.5	4.3	
Ia.	*	0.1	0.2	1.1	1.2	3.4	1.6	2.8	12.2	15.0	41.2	43.1	34.7	31.2	7.5	3.1	1.4	0.2	3.0	7.4	88.1	89.3	8.9	3.3	4.4	4.2	
Okla.	*	0.5	0.4	3.7	1.4	11.2	1.4	10.8	10.0	35.5	32.0	29.8	41.9	8.0	11.3	0.5	1.6	*	3.2	26.2	83.9	73.3	12.9	0.5	4.5	3.8	
Tex.	0.9	9.4	2.3	19.7	5.8	18.7	5.4	6.9	20.2	10.9	30.8	11.5	25.7	13.8	7.2	5.6	1.7	3.5	14.4	54.7	76.7	36.2	8.9	9.1	4.2	3.6	
N. M.	3.0	3.0	8.3	9.8	11.7	17.9	9.7	15.1	39.0	39.2	25.8	14.1	2.5	0.9	*	*	-	-	32.7	45.8	67.3	54.2	*	*	3.6	3.5	
Ariz.	0.5	0.1	1.8	0.8	3.8	2.8	3.1	2.7	12.4	12.2	29.7	31.1	37.9	42.6	9.7	7.2	1.1	0.5	9.2	6.4	80.0	85.9	10.8	7.7	4.3	4.4	
Calif.	0.1	0.1	1.3	1.0	2.7	2.2	2.2	2.0	19.1	15.4	49.6	46.1	24.7	31.8	0.3	1.4	*	*	6.3	5.3	93.4	93.3	0.3	1.4	4.2	4.2	
Other	0.2	0.2	0.8	1.7	7.7	3.2	8.7	2.4	39.5	23.3	32.8	42.3	8.3	24.6	1.7	2.3	0.3	-	17.4	7.5	80.6	90.2	2.0	2.3	3.9	4.1	
U. S.	0.3	2.4	1.1	5.4	2.9	6.4	2.8	3.6	14.3	14.0	36.1	35.1	33.3	27.9	7.5	4.1	1.7	1.1	7.1	17.8	83.7	77.0	9.2	5.2	4.3	4.1	

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 6. Percentage distribution of fiber strength for upland cotton ginnings, this season and last season, by states 1/

State	Zero Gage Fiber Strength (MPSI)																Average strength			
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above			
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi		
N. C.	-	-	*	0.4	4.1	11.8	33.6	49.1	43.5	33.8	15.6	4.6	2.5	0.3	0.7	-	*	-	81.1	78.5
S. C.	-	-	0.1	0.7	2.9	14.6	21.8	50.2	44.2	30.0	26.1	4.1	4.6	0.3	0.3	0.1	-	-	82.4	78.2
Ga.	-	-	0.1	0.8	2.5	16.1	15.6	51.4	38.1	27.9	31.4	3.8	10.7	*	1.5	*	0.1	-	83.8	77.9
Ala.	-	-	0.1	0.7	3.8	20.4	30.7	51.8	47.2	23.2	16.1	3.7	2.1	0.2	*	-	-	-	81.1	77.5
Miss.	-	*	*	0.2	1.7	4.9	22.7	40.4	53.2	46.8	20.0	7.4	2.2	0.2	0.2	0.1	-	-	81.9	79.8
Tenn.	-	-	-	0.3	1.5	6.2	22.3	52.8	52.9	36.0	21.8	4.5	1.3	0.2	0.2	-	*	-	82.0	79.0
Mo.	0.1	-	*	0.1	2.3	1.5	30.7	32.2	50.3	52.2	14.9	12.5	1.4	1.5	0.2	-	0.1	-	81.1	81.1
Ark.	-	-	*	*	1.5	2.4	24.2	29.7	49.7	49.9	19.7	15.7	4.4	1.8	0.4	0.5	0.1	-	82.2	81.3
Ia.	*	*	0.4	0.1	3.4	3.2	24.3	32.8	44.6	50.5	22.7	12.7	4.1	0.6	0.5	0.1	*	-	82.0	80.7
Okla.	-	-	-	0.8	0.5	13.5	5.8	40.9	32.4	31.7	36.5	10.0	17.8	2.8	6.3	0.3	0.7	*	86.3	79.4
Tex.	*	*	*	2.0	1.3	13.9	8.9	33.8	25.0	30.3	35.5	13.3	21.4	5.1	5.9	1.4	2.0	0.2	86.6	80.1
N. M.	-	*	-	*	0.8	1.1	2.8	6.5	5.7	10.1	14.5	17.7	34.2	32.2	28.3	24.2	13.7	8.2	93.0	91.0
Ariz.	*	-	-	*	0.3	0.7	8.8	8.5	42.3	43.6	39.4	37.7	7.4	7.1	1.3	1.6	0.5	0.8	84.5	84.5
Calif.	-	-	-	-	-	*	*	0.3	1.5	2.1	4.9	7.8	11.9	15.4	32.2	30.2	49.5	44.2	98.8	98.0
U. S.	*	*	*	0.6	1.6	7.8	15.3	32.5	35.0	34.1	24.4	11.3	10.7	4.2	6.3	4.2	6.7	5.3	85.7	82.3

1/ Data for current season are preliminary.

\* Less than 0.05 percent.



Table 7. Percentage distribution of the grade of upland cotton ginned this season and last season, by states 1/

State	White														Light Spotted								Other colored	Below Grade		Grade index 2/				
	SM 21 & higher	M+	M	SLM+	SLM	LM+	LM	SGO+	SM 22 & higher	M	SLM	LM	LM		Other colored	1970	1971	1970	1971	1970	1971	1970		1971	1970	1971				
													51	52																
																											60 & lower	42		
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.					
N. C.	0.4	*	-	-	6.1	0.3	0.8	*	34.9	16.1	4.6	3.1	33.2	47.0	10.8	9.0	-	*	0.4	0.1	3.3	5.6	2.8	11.2	2.2	5.8	0.5	1.8	88.4	85.1
S. C.	0.4	0.1	*	*	6.1	2.8	0.2	0.4	25.7	19.4	1.9	1.4	20.3	30.5	5.7	9.5	0.1	*	3.3	1.1	16.4	11.9	13.9	17.9	4.6	2.7	1.4	2.3	87.6	85.3
Ga.	0.4	0.2	*	-	2.7	1.3	0.2	0.2	25.7	18.1	1.3	1.7	21.0	37.2	3.9	6.9	0.1	*	2.0	0.8	19.3	11.5	15.4	15.8	5.2	4.4	2.8	1.9	86.8	85.3
Fla.	-	-	-	-	2.0	1.0	-	-	20.4	24.7	0.7	0.2	19.2	34.8	2.8	9.7	-	-	2.0	0.2	22.0	12.4	24.5	13.0	4.8	2.5	1.6	1.5	86.1	85.8
Ala.	1.2	0.2	*	*	11.2	5.1	0.7	0.3	27.8	38.9	1.1	1.5	16.2	18.7	2.6	2.8	0.3	0.1	6.0	3.3	20.0	18.5	8.8	7.2	3.6	2.8	0.5	0.6	90.2	89.6
Miss.	0.9	0.6	*	*	5.1	6.6	0.2	0.2	41.5	49.2	0.6	0.8	35.3	22.2	4.1	2.7	*	0.1	1.4	2.9	7.4	10.0	2.8	3.6	0.5	0.8	0.2	0.3	89.6	90.8
Tenn.	0.7	0.6	*	-	9.3	11.7	0.5	0.2	43.7	37.4	1.5	0.8	14.1	9.5	1.4	1.3	*	0.1	6.6	10.6	15.8	20.6	4.7	5.0	1.6	1.9	0.1	0.3	91.6	91.9
Mo.	0.1	0.2	-	*	4.7	13.7	0.1	0.7	44.6	55.4	0.9	3.1	14.2	6.0	0.8	0.6	0.1	0.1	8.2	5.4	21.9	12.7	2.8	1.4	1.4	0.6	0.2	0.1	91.4	93.3
Ark.	0.2	0.2	-	*	4.0	10.6	0.1	0.5	47.6	55.3	1.5	2.6	30.0	16.1	3.2	2.0	*	*	1.4	2.0	8.1	7.8	2.6	2.1	1.1	0.6	0.2	0.2	90.0	92.0
La.	0.2	0.1	-	-	8.2	11.0	0.1	0.2	52.7	54.1	1.1	1.8	18.4	12.8	1.3	1.7	*	*	2.9	3.9	11.5	10.5	2.4	2.7	1.1	1.0	0.1	0.2	91.6	92.2
Okla.	*	-	*	-	6.2	0.2	0.2	*	19.4	5.1	0.6	0.2	5.4	5.3	0.7	1.0	*	-	21.4	3.3	34.2	27.7	4.8	20.2	6.8	34.6	0.3	2.4	91.5	83.4
Tex.	0.1	*	*	*	8.5	3.0	0.4	0.4	25.8	11.1	1.0	0.4	5.7	8.0	0.9	3.1	*	*	21.3	4.3	21.8	23.7	6.2	26.8	7.8	16.7	0.5	2.5	91.7	84.6
N. M.	2.0	0.8	0.1	-	38.7	37.8	5.7	6.3	24.5	27.0	0.8	0.8	1.3	4.2	0.4	1.6	0.1	0.1	9.0	7.1	6.6	5.8	2.2	3.2	7.6	3.5	1.0	1.8	95.1	94.1
Ariz.	0.6	0.2	*	-	49.8	33.8	0.8	2.1	28.1	23.9	0.2	0.4	2.2	2.0	1.2	0.8	0.1	0.3	8.8	17.5	4.1	6.4	2.4	3.5	0.9	6.4	0.8	2.7	96.0	93.7
Calif.	0.8	1.0	*	*	50.0	49.1	3.3	8.5	33.7	31.0	0.9	1.5	4.4	2.7	1.3	0.3	*	*	1.3	1.3	2.2	2.3	0.9	0.8	1.0	1.3	0.2	0.2	96.2	96.6
Other	4.2	0.7	-	-	42.0	22.9	0.6	1.3	20.5	25.5	0.3	-	13.1	17.2	9.1	6.1	-	0.5	3.8	8.5	3.1	9.7	0.9	2.6	2.3	4.9	0.1	0.1	93.8	91.8
U. S.	0.5	0.3	*	*	14.4	12.7	0.8	1.4	34.0	33.4	1.1	1.2	15.5	13.4	2.2	2.6	*	*	9.1	4.1	13.6	13.6	4.6	10.2	3.7	6.0	0.5	1.1	91.6	89.8

1/ Data for current season are preliminary.

2/ Middling White equals 100.

\* Less than 0.05 percent.



Table 8. Percentage distribution of the staple of upland cotton ginned this season and last season, and total ginnings, by states 1/

State	(28) & shorter		(29)		(30)		(31)		(32)		(33)		(34)		(35)		(36)		(37)		(38) & longer		Average staple 2/		Total upland ginnings		
	1970	Pct.	1971	Pct.	1970	Pct.	1971	Pct.	1970	Pct.	1970	Pct.	1971	Pct.	1970	Pct.	1970	Pct.	1971	Pct.	1970	Pct.	1971	Pct.	1970	Bales	1971
N. C.	-	-	-	-	-	-	-	-	0.1	0.3	14.5	6.8	79.1	62.0	6.0	29.5	0.3	1.4	-	*	-	-	-	33.9	34.2	161,690	137,223
S. C.	-	-	-	-	*	*	0.1	*	1.3	0.5	15.0	6.8	59.4	28.6	22.7	48.1	1.5	15.8	*	0.2	-	*	-	34.1	34.7	215,817	269,079
Ga.	*	*	-	*	0.3	0.1	1.3	0.3	9.4	2.3	49.6	22.1	34.1	56.0	5.2	18.6	0.1	0.6	-	*	-	-	-	33.3	33.9	285,570	355,835
Fla.	-	-	-	-	0.1	-	0.2	-	3.8	2.2	59.6	15.7	35.3	66.4	1.0	15.7	-	-	-	-	-	-	-	33.3	34.0	7,673	11,567
Ala.	*	-	-	*	0.1	*	0.4	0.1	5.3	1.5	40.4	18.1	47.2	51.3	6.4	26.9	0.2	2.0	*	0.1	-	*	-	33.5	34.1	515,244	630,498
Miss.	-	-	-	-	-	-	*	*	0.1	*	4.0	0.6	52.4	23.3	41.9	63.6	1.6	11.9	*	0.4	*	0.2	*	34.4	34.9	1,617,703	1,637,501
Tenn.	-	-	-	-	-	-	*	*	0.8	0.1	26.3	7.5	68.0	69.7	4.9	22.4	*	0.3	*	*	-	-	-	33.8	34.2	385,882	509,973
Mo.	-	-	-	-	-	-	*	-	0.1	*	6.4	0.6	82.2	26.4	11.2	54.1	0.1	18.8	-	0.1	-	-	-	34.0	34.9	222,691	392,637
Ark.	-	-	-	-	*	-	*	-	0.1	*	4.4	0.4	66.9	19.8	28.1	58.9	0.5	20.7	*	0.2	-	*	-	34.2	35.0	1,044,609	1,210,858
Ia.	-	-	*	-	-	-	*	*	0.1	*	5.8	1.6	76.0	39.7	17.8	53.9	0.3	4.7	*	0.1	-	-	-	34.1	34.6	521,183	587,588
Okla.	1.1	0.8	8.6	7.4	33.5	32.3	17.1	27.0	12.6	18.3	8.2	6.9	9.8	4.6	7.9	2.5	1.2	0.2	*	*	-	-	-	31.4	31.1	187,017	169,114
Tex.	1.1	2.7	10.6	12.7	31.2	33.9	17.4	17.3	13.3	8.6	9.5	7.7	12.1	12.9	2.6	2.2	1.2	0.9	0.9	1.0	0.1	0.1	0.1	31.4	31.1	3,123,556	2,508,192
N. M.	0.1	0.9	1.2	2.6	3.1	3.3	1.7	1.5	2.0	2.5	2.0	2.5	4.9	4.8	7.4	8.0	28.9	20.2	45.1	41.3	3.6	12.4	35.9	35.8	122,318	125,137	
Ariz.	*	0.3	0.1	0.4	0.9	1.4	0.6	1.8	3.2	3.6	4.0	5.5	64.3	41.5	21.5	41.5	2.1	2.6	2.4	1.4	0.9	*	*	34.2	34.2	461,954	460,414
Calif.	-	-	*	*	*	*	0.1	*	0.4	0.2	1.4	0.9	7.2	6.8	49.5	22.4	41.4	69.6	*	0.1	-	-	-	35.3	35.6	1,175,991	1,122,616
Other	-	-	-	-	-	-	-	-	0.2	-	11.3	7.8	46.6	60.7	13.9	17.4	25.1	12.4	2.9	1.7	-	-	-	34.6	34.4	6,339	5,926
U. S.	0.4	0.7	3.5	3.3	10.4	9.0	5.8	4.9	5.2	2.9	10.1	5.2	37.6	25.8	19.9	32.8	6.1	14.3	0.9	0.9	0.1	0.2	33.4	33.8	10,055,237	10,134,158	

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

\* Less than 0.05 percent.

Table 9. Percentage of ginnings reduced in grade, by specified causes, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1970	1971	1970	1971	1970	1971	1970	1971
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	11.2	7.3	*	0.1	-	*	11.2	7.4
South Carolina	16.2	10.0	0.6	2.0	-	*	16.8	12.0
Georgia	8.7	3.3	1.7	5.3	*	-	10.4	8.6
Florida	9.2	11.5	0.5	2.7	0.1	0.1	9.8	14.3
Alabama	9.9	9.8	0.3	0.3	*	*	10.2	10.1
Mississippi	4.7	11.7	8.4	1.5	*	0.1	13.1	13.3
Tennessee	6.1	8.7	2.1	2.0	*	*	8.2	10.7
Missouri	1.9	2.7	0.4	0.2	*	0.1	2.3	3.0
Arkansas	4.2	7.1	1.5	0.5	*	0.1	5.7	7.7
Louisiana	4.5	7.3	3.7	1.9	*	*	8.2	9.2
Oklahoma	1.2	0.4	2.3	36.4	0.1	-	3.6	36.8
Texas	1.2	1.7	4.6	42.5	*	*	5.8	44.2
New Mexico	0.6	2.6	6.9	12.4	0.1	*	7.6	15.0
Arizona	1.2	3.2	2.9	9.3	0.6	0.1	4.7	12.6
California	2.7	2.7	0.2	0.2	0.1	0.2	3.0	3.1
Other	4.3	3.3	0.9	1.2	0.2	-	5.4	4.5
United States	3.8	5.7	3.5	12.5	0.1	0.1	7.4	18.3

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 10. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	After January 15				Total crop			
		1970	1971	1970	1971	1970	1971	1970	1971
		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-	-	-	-	-
2	(20)	7	-	0.2	-	2,578	828	4.5	0.9
3	(30)	441	93	15.4	1.1	24,974	27,724	43.7	28.9
4	(40)	612	792	21.5	9.3	18,070	43,772	31.6	45.6
5	(50)	255	1,111	8.9	13.0	5,917	13,012	10.4	13.6
6	(60)	370	1,338	12.9	15.7	2,500	3,366	4.4	3.5
7	(70)	450	1,211	15.7	14.2	1,709	2,005	3.0	2.1
8	(80)	321	1,571	11.2	18.5	697	2,092	1.2	2.2
9	(90)	190	1,243	6.6	14.6	379	1,636	0.7	1.7
10	(00)	218	1,157	7.6	13.6	314	1,442	0.5	1.5
Total		2,864	8,516	100.0	100.0	57,138	95,877	100.0	100.0
<u>Staple Code (32nd inches)</u>									
40 and shorter		104	892	3.6	10.5	157	1,052	0.3	1.1
42		1,232	4,960	43.0	58.2	3,804	6,873	6.7	7.2
44		1,513	2,615	52.9	30.7	40,112	70,464	70.1	73.5
46		15	49	0.5	0.6	13,065	17,488	22.9	18.2
48 and longer		-	-	-	-	-	-	-	-
Total		2,864	8,516	100.0	100.0	57,138	95,877	100.0	100.0

1/ Data for current season are preliminary.



Table 11. Percentage distribution of upland cotton by specified grades, by seasons, 1960-1971 <sup>1/</sup>

Grade		Season											
	Code	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
<u>White:</u>		<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
S.M.	(21)												
and higher		7.8	11.7	5.2	6.1	3.7	2.1	1.3	1.2	1.1	0.5	0.5	0.3
M.+	(30)	1.3	0.9	0.3	0.3	0.2	0.2	▪	▪	▪	▪	*	*
M.	(31)	26.0	32.1	23.5	24.7	20.6	18.7	16.5	18.8	16.4	14.4	14.4	12.7
S.L.M.+	(40)	3.4	1.7	1.6	1.7	1.4	1.9	1.1	1.3	1.5	1.7	0.8	1.4
S.L.M.	(41)	22.1	15.7	26.1	27.8	31.1	31.1	28.6	33.7	38.5	38.0	34.0	33.4
L.M.+	(50)	2.0	1.3	2.0	2.4	2.6	2.4	1.9	1.7	2.0	1.7	1.1	1.2
L.M.	(51)	7.1	4.6	8.2	8.5	11.4	11.5	7.8	7.6	11.8	12.6	17.7	16.0
and lower													
<u>Light Spotted:</u>													
S.M.	(22)												
and higher		2.9	3.4	1.5	1.5	0.7	0.5	0.3	0.4	0.2	0.1	▪	▪
M.	(32)	11.6	11.7	11.2	13.2	9.8	11.4	11.2	13.2	9.3	5.1	9.1	4.1
S.L.M.	(42)	8.0	7.7	12.3	8.5	9.7	12.9	15.6	11.4	12.2	13.9	13.6	13.6
L.M.	(52)	1.6	2.3	3.3	1.9	2.9	2.5	4.5	3.3	2.9	5.5	4.6	10.2
<u>Spotted:</u>		2.5	3.2	2.8	1.6	3.5	2.4	8.7	5.2	2.9	3.7	3.1	5.4
Other Colored <u>2/</u>		3.7	3.7	2.0	1.8	2.4	2.4	2.5	2.2	1.2	2.8	1.1	1.7
Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Data for 1971 are preliminary.

<sup>2/</sup> Includes Below Grade.

▪ Less than 0.05 percent.

Table 12. Percentage distribution of upland cotton by specified staples, by seasons, 1960-1971 <sup>1/</sup>

Staple Code (32nd inches)	Season											
	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
26 and shorter	▪	▪	▪	0.1	0.3	0.1	0.1	▪	▪	0.1	*	0.1
28	0.2	0.3	0.4	1.5	2.5	0.7	1.0	0.6	0.1	1.3	0.4	0.6
29	2.2	3.9	4.9	7.8	5.4	6.3	6.8	4.6	1.1	4.2	3.5	3.3
30	11.7	15.2	15.6	12.9	10.8	15.5	14.5	10.6	7.0	6.4	10.4	9.0
31	9.7	7.7	5.1	3.2	3.8	4.3	4.6	7.3	6.9	5.1	5.8	4.9
32	7.2	6.7	5.3	4.8	5.1	4.7	3.8	5.3	7.2	5.6	5.2	2.9
33	21.6	14.8	19.4	23.0	23.8	19.2	13.5	9.7	8.5	10.5	10.1	5.2
34	37.6	36.8	34.6	37.1	34.1	34.0	34.8	28.7	26.0	31.0	37.6	25.8
35	6.3	11.1	11.9	7.3	11.3	12.3	16.8	23.0	26.4	28.9	19.9	32.8
36 and longer	3.5	3.5	2.8	2.3	2.9	2.9	4.1	10.2	16.8	6.9	7.1	15.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Data for 1971 are preliminary.

\* Less than 0.05 percent.

Table 13. Cotton: Grade index, by states, United States, 5-year averages, 1938-67 and by seasons, 1967-1971 1/

State	5-year averages						1967	1968	1969	1970	1971*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67					
N. Carolina	95.8	91.3	93.1	91.7	94.4	91.7	91.2	91.4	88.5	88.4	85.1
S. Carolina	96.8	92.9	93.5	93.9	95.6	92.4	92.2	91.3	87.3	87.6	85.3
Georgia	96.8	95.2	95.4	95.1	95.8	91.0	91.9	91.1	86.1	86.8	85.3
Florida	95.2	95.7	95.7	95.2	92.5	90.0	90.5	91.2	89.0	86.1	85.8
Alabama	97.0	96.9	96.1	95.7	96.3	92.7	89.5	93.0	91.1	90.2	89.6
Mississippi	97.2	96.2	96.5	95.2	95.5	94.4	92.8	92.0	92.4	89.6	90.8
Tennessee	96.2	93.9	94.8	95.9	96.5	94.2	91.0	93.9	93.1	91.6	91.9
Missouri	93.2	90.1	91.4	93.6	94.1	92.4	90.7	94.0	93.2	91.4	93.3
Arkansas	96.4	93.9	93.8	94.6	94.2	92.2	90.1	92.7	92.5	90.0	92.0
Louisiana	96.6	96.2	97.0	94.4	94.9	94.4	94.5	93.7	94.7	91.6	92.2
Oklahoma	93.7	90.6	93.8	90.7	92.3	90.7	92.9	90.4	91.3	91.5	83.4
Texas	95.5	94.3	94.9	93.0	94.8	92.4	93.0	92.2	87.0	91.7	84.6
New Mexico	98.3	97.6	97.4	97.1	98.7	96.7	96.1	96.2	93.7	95.1	94.1
Arizona	97.3	93.4	96.3	96.2	96.5	92.7	93.6	95.3	93.4	96.0	93.7
California	98.3	96.9	94.8	94.3	97.8	94.1	93.6	92.4	94.6	96.2	96.6
U. S.	96.2	94.6	94.9	94.3	95.5	93.1	92.8	92.6	91.0	91.6	89.8

1/ Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 15/16" staple. Converted to an index on basis Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

\* Preliminary.

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Table 14. Cotton: Average staple length in thirty-seconds inches, by states, United States 5-year averages, 1938-67 and by seasons, 1967-1971 1/

State	5-year averages						1967	1968	1969	1970	1971*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67					
N. Carolina	32.6	32.6	33.0	32.8	33.3	33.6	34.3	33.8	34.2	33.9	34.2
S. Carolina	32.5	32.8	32.8	32.9	33.4	33.8	34.6	34.5	34.5	34.1	34.7
Georgia	31.1	32.0	32.6	32.7	33.1	33.2	33.7	33.9	33.5	33.3	33.9
Florida	31.1	32.7	33.0	32.9	32.8	33.0	33.5	33.9	33.6	33.3	34.0
Alabama	30.7	31.8	32.8	32.7	33.3	33.2	33.3	33.7	33.6	33.5	34.1
Mississippi	34.2	33.7	34.0	33.7	33.8	34.1	34.5	34.6	34.5	34.4	34.9
Tennessee	31.9	32.5	33.1	33.1	33.6	33.8	34.1	33.8	33.7	33.8	34.2
Missouri	32.7	33.2	33.5	33.5	33.8	34.0	34.4	34.7	34.4	34.0	34.9
Arkansas	32.7	32.7	33.2	33.3	33.8	34.1	34.4	34.6	34.6	34.2	35.0
Louisiana	32.8	32.9	33.8	33.5	33.6	33.8	34.0	34.3	34.2	34.1	34.6
Oklahoma	29.8	29.0	29.1	29.5	30.8	30.5	31.0	32.1	31.5	31.4	31.1
Texas	29.7	29.7	30.0	30.6	31.2	30.8	31.7	32.2	31.5	31.4	31.1
New Mexico	34.2	34.4	34.2	34.6	35.2	35.8	36.3	36.2	36.1	35.9	35.8
Arizona	32.9	32.8	33.2	33.5	33.7	33.6	34.0	34.7	34.0	34.2	34.2
California	34.4	33.7	33.8	34.1	34.1	34.5	35.1	35.7	34.9	35.3	35.6
U. S.	31.8	32.0	32.3	32.5	32.8	32.9	33.4	33.9	33.5	33.4	33.8

1/ Averages calculated on numerical equivalents of the staple length designations; for example, 29/32" = 29.

\* Preliminary.



Table 15. Grade indexes and average staples of carryover, crop and supply of upland cotton, 1954-1971

Year	Grade indexes <u>1/</u>			Average staples <u>2/</u>		
	Carryover	Crop	Supply	Carryover	Crop	Supply
1954	95.4	95.6	95.5	32.3	32.2	32.3
1955	95.9	93.2	94.3	32.2	32.6	32.4
1956	94.0	96.0	95.0	32.2	32.7	32.4
1957	91.9	91.7	91.8	32.0	32.6	32.3
1958	91.1	96.7	94.3	31.7	32.8	32.3
1959	95.0	95.8	95.5	31.9	32.8	32.5
1960	97.9	95.4	96.2	33.0	32.9	32.9
1961	97.6	95.7	96.3	33.3	32.9	33.0
1962	96.9	93.9	94.9	33.2	32.8	33.0
1963	95.5	94.6	94.9	32.7	32.7	32.7
1964	95.3	93.2	94.1	32.3	32.8	32.6
1965	94.8	93.0	93.9	32.4	32.8	32.6
1966	92.9	92.0	92.6	32.1	33.0	32.4
1967	93.1	92.8	93.0	32.1	33.4	32.6
1968	92.6	92.6	92.6	32.5	33.9	33.4
1969	93.2	91.0	91.9	33.8	33.5	33.6
1970	93.4	91.6	92.2	34.0	33.4	33.6
1971*	94.5	89.8	91.2	34.2	33.8	33.9

1/ Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

2/ Expressed in thirty-seconds of an inch.

\* Preliminary.





Table 15. Grade indexes and average staples of carryover, crop and supply of upland cotton, 1954-1971

Year	Grade indexes <u>1/</u>			Average staples <u>2/</u>		
	Carryover	Crop	Supply	Carryover	Crop	Supply
1954	95.4	95.6	95.5	32.3	32.2	32.3
1955	95.9	93.2	94.3	32.2	32.6	32.4
1956	94.0	96.0	95.0	32.2	32.7	32.4
1957	91.9	91.7	91.8	32.0	32.6	32.3
1958	91.1	96.7	94.3	31.7	32.8	32.3
1959	95.0	95.8	95.5	31.9	32.8	32.5
1960	97.9	95.4	96.2	33.0	32.9	32.9
1961	97.6	95.7	96.3	33.3	32.9	33.0
1962	96.9	93.9	94.9	33.2	32.8	33.0
1963	95.5	94.6	94.9	32.7	32.7	32.7
1964	95.3	93.2	94.1	32.3	32.8	32.6
1965	94.8	93.0	93.9	32.4	32.8	32.6
1966	92.9	92.0	92.6	32.1	33.0	32.4
1967	93.1	92.8	93.0	32.1	33.4	32.6
1968	92.6	92.6	92.6	32.5	33.9	33.4
1969	93.2	91.0	91.9	33.8	33.5	33.6
1970	93.4	91.6	92.2	34.0	33.4	33.6
1971*	94.5	89.8	91.2	34.2	33.8	33.9

1/ Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

2/ Expressed in thirty-seconds of an inch.

\* Preliminary.





Table 15. Grade indexes and average staples of carryover, crop and supply of upland cotton, 1954-1971

Year	Grade indexes <u>1/</u>			Average staples <u>2/</u>		
	Carryover	Crop	Supply	Carryover	Crop	Supply
1954	95.4	95.6	95.5	32.3	32.2	32.3
1955	95.9	93.2	94.3	32.2	32.6	32.4
1956	94.0	96.0	95.0	32.2	32.7	32.4
1957	91.9	91.7	91.8	32.0	32.6	32.3
1958	91.1	96.7	94.3	31.7	32.8	32.3
1959	95.0	95.8	95.5	31.9	32.8	32.5
1960	97.9	95.4	96.2	33.0	32.9	32.9
1961	97.6	95.7	96.3	33.3	32.9	33.0
1962	96.9	93.9	94.9	33.2	32.8	33.0
1963	95.5	94.6	94.9	32.7	32.7	32.7
1964	95.3	93.2	94.1	32.3	32.8	32.6
1965	94.8	93.0	93.9	32.4	32.8	32.6
1966	92.9	92.0	92.6	32.1	33.0	32.4
1967	93.1	92.8	93.0	32.1	33.4	32.6
1968	92.6	92.6	92.6	32.5	33.9	33.4
1969	93.2	91.0	91.9	33.8	33.5	33.6
1970	93.4	91.6	92.2	34.0	33.4	33.6
1971*	94.5	89.8	91.2	34.2	33.8	33.9

1/ Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

2/ Expressed in thirty-seconds of an inch.

\* Preliminary.

